

**DEPARTMENT OF ENERGY
CONSTRUCTION SAFETY ADVISORY COMMITTEE
MEETING MINUTES
Las Vegas, NV
May 10, 2005**

The Chairman, Pat Finn, Department of Energy (DOE-HQ, EH-22) called the meeting of the DOE Construction Safety Advisory Committee (CSAC) to order. Mr. Finn welcomed attendees and introductions were made. A brief review of recent events was conducted. Among the items discussed were the proposed *Worker Safety and Health Program* rulemaking effort, 10 CFR 851, and the ANSI/ASSE A10 proposed standard addressing ergonomics in construction. (*Note: The ballot results for the proposed ANSI standard were reported subsequent to the CSAC meeting and the proposed standard did not pass*).

Following the introductory remarks, the following presentations were made:

1. Ms. Stacy Bourcier (BSC, Yucca Mountain) made a presentation on the Yucca Mountain Project's *Zero Accident Program*. The presentation included details of the program's implementation, incentives and results.
2. Messrs. Roy Gibbs, Phil Wilhelm, and Les Bermudez (DOE Office of Price-Anderson Enforcement, EH-6) made a presentation via TeleVideo on the current status of rulemaking for 10 CFR 851, *Worker Safety and Health Program*. The presentation included a review of the current contents of the proposed rule, review comments received, program implementation, self-reporting, and likely enforcement methodologies.
3. Messrs. Scott Traeger and Karl Hahn (LANL, Nevada Test Site) discussed the scope and complexity of ongoing work at the Nevada Test Site with an emphasis on the unique hoisting and rigging challenges in an underground environment.
4. Mr. Jim Luhning (BSRI, Savannah River) made a presentation via TeleVideo on electrical safety during excavation. The primary source material for this presentation was Chapter 11 of the *2004 DOE Electrical Safety Handbook*, for which Mr. Luhning served as primary author.
5. Mr. Craig Schumann (DOE Chicago, Argonne Site Office) made a presentation on OSHA's most commonly cited electrical safety violations in the construction industry. The presentation cited specific standards and provided illustrated examples of noncompliant conditions.
6. Ms. Linda Thornton (General Counsel, BSC Yucca Mountain) discussed trends in litigation associated with the management of safety and health on large projects such as the Yucca Mountain Project. There was particular emphasis on the use of appropriate language in interoffice communications, recordkeeping, and the discovery process during litigation.

7. Mr. Craig Schumann discussed recent changes in the National Electrical Code impacting construction safety. The presentation included a review of the specific language of the relevant changes to the Code along with a comparison with existing OSHA requirements in these areas.
8. Mr. Mike Berry (WGI, Savannah River) led a discussion on the use of rigging equipment (e.g., slings, shackles) in horizontal applications for towing or tugging. The discussion focused on whether or not a reduced design factor could be used for rigging gear in horizontal applications than is used for hoisting operations (i.e., 5 to 1). Detailed discussion of this issue was deferred to the May 12 meeting of the DOE Hoisting and Rigging Technical Advisory Committee.
9. James Miller (BNFL, Oak Ridge) made a presentation on the safety and health program at a large scale Decommissioning and Demolition (D&D) project at the Oak Ridge East Tennessee Technology Park (ETTP). The presentation emphasized the implementation of a Behavior Based Safety approach to the management of safety and health on this project.

After a brief period of open discussion, the meeting was adjourned.